

adjacent

Objects or things that are next to each other.

angle

A measurement of turn.

anti-clockwise

Going the opposite direction of the hands of a clock.

approximately

Roughly, round about.

area

Amount of space a surface covers.

ascending order

From the lowest to the highest.

ascend

Going up.

bisect

Divide something equally into two.

breadth

Measurement across something. Can be called width

capacity

The amount an object will hold.

century

100 hundred years

centilitre

A metric measure of capacity.

centimetre

A measurement of length.

circumference

Distance round a circle.

consecutive

Follow on after each other.

concave

Curving inwards

classify

Sort things into classes or groups.

clockwise

Same direction of the hands of a clock.

convex

Curving like the outside of a dome.

convert

Change something from one thing to another.  
 $\text{£}1.00 = 100\text{p}$

co-ordinates

Used on maps, graphs & charts to help us find the position of something.

database

Used for storing data.

decade

Ten years.

decagon

2D shape with 10 straight sides.

decrease

Make something less in quantity, size, strength.

deduct

Take it away, take off an amount.

define

Explain exactly what something is.

descend

Going downwards.

diameter

A straight line that goes through the centre of a circle and divides it in half.

dimension

Measurements of size.

equilateral triangle

A triangle with sides that are all the same size and angles that are all the same size.

equivalent

Of equal value.

estimate

A sensible guess, an approximate figure.

frequency

Tells us how often something happens or occurs or how common it is.

hemisphere

Shape of half a sphere.

heptagon

A 2D shape with 7 straight sides.

hexagon

A 2D shape with  
6 straight sides.

hypotenuse

Longest side of a right-  
angled triangle

improbable

Not likely to  
happen.

integar

Any whole number.

intersect

When 2 lines cross each  
other.

inverse

The opposite of  
something.

isosceles triangle

A triangle with two sides of equal length.

justify

Explain why you think your answer is correct.

maximum

Greatest possible amount.

mean

Average of a set of numbers.

median

Middle number of a set numbers when the set is arranged in order. This is a special kind of average

median

A straight line drawn from one of the angles of a triangle to the middle of the opposite side.



minimum

Smallest, lowest, least amount that is possible.

mode

A number that appears the most in a list of numbers.  
This is a special kind of average

mixed numbers

A number which consists of a whole number and a fraction.

negative numbers

Numbers that are less than zero.

mph

Miles per hour

nonagon

2D shape with 9 straight sides.

net

Flat shape that can be cut out and folded to make a 3D shape.  
Or amounts of things.

numeral

Number written in figures.

numerator

Top number of a fraction.

obtuse angle

Angles that are more than 90 degrees and less than 180 degrees.

octagon

A 2D shape with 8 straight sides.

a.m.

Ante meridiem,  
before midday.

p.m.

Post meridiem,  
after midday.

parallelogram

Four-sided 2D shape with its  
opposite sides parallel to each  
other. Opposites sides also equal  
in length.

pentagon

A 2D shape with  
5 straight sides.

perimeter

Distance all the way round  
the edge of something.

perpendicular

At right-angles to a  
horizontal line.

polygon

Any 2D shape whose  
sides are all straight.

possibility

Something which is possible but not certain.

polyhedron

A 3D shape with 'many faces'.

prime numbers

A whole number greater than 1 that can only be divided by itself and 1.

probability

Likelihood of something happening.

protractor

Used for drawing and measuring angles.

quadrilateral

Any 2D shape with four straight sides.

quarter

Divide something into 4 equal parts.

quotient

The number of times one number can be divided by another.

radius

Distance from the centre of a circle to its circumference.

range

Tells you how far a list of numbers spreads.

ratio

A way of comparing things.

revolution

A complete turn.

right angle

An angle of 90 degrees.

rotate

Turn with a circular movement.

scalene triangle

A triangle that has no equal sides and no equal angles.

semi-circle

Half of a circle.

sequence

Things that follow on from each other.

simplify

Make something as easy to deal with as possible.

solution

Find the answer  
to a problem.

square number

A number that has been  
multiplied by itself.

statistics

A collection of  
facts and figures.

straight angle

An angle of 180  
degrees.

symmetrical

If something is this, it has  
2 halves which are exactly  
the same.

3-D

Shapes that have length,  
height and breadth. They  
are not flat.

2-D

Flat shapes that have length and breadth.

total

The whole of something.  
To find this we count, add up the whole lot.

translation

This is about moving a shape in a certain way.

trapezium

2D shape with 4 straight sides. 2 of its sides are parallel.

vertex

A corner point of a polygon or a polyhedron

value

What something is worth.



vertical

Exactly upright.

volume

Amount of space that something takes up.

x-axis

Horizontal axis.

y-axis

Vertical axis.

tabulate

Arrange information in a list or a table.

origin

Where the x-axis and y-axis cross each other.



## Social Subjects

- \* Label map with main Scottish cities, rivers and mountains
- \* Create large visual map of immediate local area including local landmarks
- \* On local OS maps identify major towns and rivers and seas nearby. Understand that we are part of North Ayrshire.
- \* Compare new and old photographs of town
- \* Discuss changes in housing and types of employment in town
- \* Go on a tour of local area and list good/bad points and discuss possible things to improve
- \* Use a plan of the school/playground to do simple orienteering (using left/right)

## Expressive Arts

- \* Observational drawing of local landmarks
- \* Create large poster advertising local area for visitors
- \* Design playground markings to improve school playground
- \* Create play/rap to encourage others to look after their school - perform at assembly

## Literacy

- \* Write captions to go along with photographs collected
- \* List possible ideas for improvement
- \* Write letter to local Councillor/PTA about their ideas for improvement
- \* Plan and write questions to use during interview

## Science

## Maths

- \* Grid Reference
- \* Co-ordinates
- \* Directions-N, S, E, W
- \* Timetables and timelines

# Our Town - P4

Learning Outcomes: Pupils will be able to:

## RME/PSD/Health

- \* Find out what religions worship in local area and where they worship
- \* Discuss what we can do to look after our local area

## Technology

- \* Use tape recorder/digital recorder to record interview with older resident
- \* Use KidPix, Paint, Appleworks to create a slideshow of a Tour of local area, including houses and schools
- \* Record plays/raps at Assembly

## Assessment is for Learning

- \* Use 'Pictures' group activity to promote discussion about local landmarks.
- \* Place pictures of local landmarks in envelopes (1 per group) A spokesperson explains what the building looks like, used for and by but not use the name. The other children have to guess which landmark it is.

## Homework

- \* Collect photographs (old & new) of local area.
- \* Interview an older relative/neighbour to ask them what the town was like when they were younger.
- \* Collect leaflets, brochures of things to do in local area: restaurants, sports, children's activities.
- \* Produce a leaflet advertising town as a tourist destination

### Confident Individuals

- ◇ Develop confidence to communicate own stances on social/environmental issues
- ◇ Understand more about their sense of identity.
- ◇ Seize opportunities to excel in different areas
- ◇ Gain important practical skills for daily life and work and be confidence to continue to learn to use technology in the future.

### Effective Contributors

- ◇ Work co-operatively with others
- ◇ Confidence to contribute fully to society
- ◇ Share work with others
- ◇ Contribute to life of school/community through different forms of writing
- ◇ Promote enterprising behaviour
- ◇ Promote ways of learning to prepare young people for lives and careers

## Curriculum for Excellence Primary 4

# Our Town

## Learning Outcomes

### Successful Learners

- ◇ Communicate effectively with others from different backgrounds
- ◇ Think innovatively to encourage visitors to come to local area
- ◇ Can access information from different sources
- ◇ Find imaginative solutions to problems
- ◇ Learn about different kinds of thinking

### Responsible Citizens

- ◇ Develop a sense of personal responsibility
- ◇ Use maths to make informed decisions
- ◇ To reflect, develop ideas and stances
- ◇ Explore importance of cultures, arts and heritage

### Confident Individuals

- ◇ I am able to talk confidently about my own opinions on environmental issues.
- ◇ I understand more about my sense of identity.
- ◇ I can seize opportunities to excel in different areas.
- ◇ I can confidently use technology in practical ways.

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### Effective Contributors

- ◇ I can work co-operatively with others
- ◇ I can confidently contribute fully to society
- ◇ I can share work with others
- ◇ I can contribute to life of school/community through writing letters to Councillors and parents

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Pupil Page  
Primary 4  
**Our Town**  
Success Criteria  
Level B  
Duration 10 weeks

### Successful Learners

- ◇ I can communicate effectively with others from different backgrounds
- ◇ I can think innovatively to encourage visitors to come to local area
- ◇ I can access information from different sources
- ◇ I can find imaginative solutions to problems

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### Responsible Citizens

- ◇ I can develop a sense of personal responsibility
- ◇ I can use maths to make informed decisions
- ◇ I can reflect, develop ideas and stances
- ◇ I can explore the importance of cultures, arts and heritage to me

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# Weekly Planner Sheet

# Our Town

	Social Subjects	Science	Expressive Arts	Language	Maths	RME/PSD/Health	Technology
<b>Week 1</b> Mapping	Locate main Scottish cities on large map and Use directions to locate where own town is			Collect and compare old and new photos. Write captions.	Compass directions N, S, E, W		Take pictures of local area with digital camera
<b>Week 2</b> Mapping	Use local maps to identify main streets, landmarks and physical features around school and town		Observational drawing of local landmarks to build up visual map	Prepare questions to use in an interview with an older person at home	Grid-References		Use tape recorder to interview older member of staff about what they remember from the town as a youngster
<b>Week 3</b>	Create list/Mindmap of things to do in local area, collect leaflets etc		Begin designing poster advertising town as a visitor attraction	Discuss what a good poster should have - look at examples			
<b>Week 4</b>			↓	Design and carry out an in-school survey to collate pupils' ideas for playground improvement	Information Handling		Begin making slideshow of a Local Area tour
<b>Week 5</b>	Go on tour of local area and list good/bad points. Discuss possible improvements		Design playground markings for school	Write letter to Councillor/PTA asking for improvements	Use plan of school to do simple orienteering using L/R and co-ordinates	Find out what other religions worship and where	Choose best materials to mark out playground markings
<b>Week 6</b>	↓			↓		Discuss what we can do to look after our local area	↓
<b>Week 7</b>			Prepare rap/play	Write play/rap on how to look after our local area eg litter, graffiti			
<b>Week 8</b>			↓	↓			
<b>Week 9</b>	Assessment for Learning Activities			Time in class to work on leaflets			
<b>Week 10</b>	↓		Present rap/play at Assembly				

Pupil Checklist    Name \_\_\_\_\_

This week we will be learning to .....

I can .....

I can.....

I can .....

I can .....

This Week's Tasks

Completed  
X or ✓



Teacher  
Signature


I enjoyed .....

I think I was very good at  
.....

I will improve .....

Signed

Date

Pupil Checklist    Name \_\_\_\_\_

This week we will be learning to .....

I can .....

I can.....

I can .....

I can .....

This Week's Tasks

Completed  
X or ✓



Teacher  
Signature


I enjoyed .....

I think I was very good at  
.....

I will improve .....

Signed

Date

## Suggested Storyline

Our suggested way in is to read an 'e-mail' from a family looking to come to Our Town on holiday and asking for our help on what there is to do, places to stay and how to get around. This sets the scene for the children to investigate their local area and to view it from an outsider's point of view.

This topic culminates in an Assembly where the children present a play or rap to encourage people to look after their environment. They will also have produced leaflets and posters encouraging the family to come to Our Town for a visit.

### **Assessment is for Learning**

#### **'Pictures'**

Cut a quarter of each picture off and then cut that quarter into 4 pieces. Put the pieces in an envelope. Prepare a different picture for each group. Give each group 1 piece of their picture and they must discuss their piece and try to come up with ideas as to what it might be. After 5 minutes, give them another piece of the puzzle and so on until they have a quarter of the picture. Continue to discuss what the landmark may be and then provide them with the rest of the picture.

*Taken from the Learning Game*

### **Websites**

[www.ers.north-ayrshire.go.uk/primary/ourtown.htm](http://www.ers.north-ayrshire.go.uk/primary/ourtown.htm)

[www.upmystreet.com](http://www.upmystreet.com)

[www.ordnancesurvey.co.uk/oswebsite/freefun/outlinemaps/index.html](http://www.ordnancesurvey.co.uk/oswebsite/freefun/outlinemaps/index.html)

Google Earth

[www.maplandscotland.co.uk](http://www.maplandscotland.co.uk)